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No. 45] NEW DELHI, SATURDAY, NOVEMBER 8, 1980 (KARTIKA 17, 1902)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 8th November, 1980.

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017.

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

3rd October, 1980.

1125/Cal/80. Amsted Industries Incorporated. Frictional snubbing arrangement for railroad car trucks.

1126/Cal/80. Stamicarbon B.V. Cyclic process for the preparation and processing of a hydroxylammonium salt solution.

1127/Cal/80. Hylsa, S.A. A method of using a methane-containing gas for reducing iron ore.

1128/Cal/80. Grupo Industrial Alfa, S.A. Method for the gaseous reduction of metal ores using reducing gas produced by gasification of solid or liquid fossil fuels.

1129/Cal/80. Kuwait Institute for Scientific Research and Technology International Incorporated (Orlando, Florida). Method and system for 5 bit encoding for complete Arabic/Farsi Languages.

1130/Cal/80. R. H. Smick. Turbulator with ganged strips.

1131/Cal/80. P. Venkatanarayana. Method and development of a new turbine named reddibhotla wave turbine.

4th October, 1980.

1132/Cal/80. Metal Box Limited. Containers. (October 4, 1979).

1—317 GI/80

1133/Cal/80. Reckitt & Colman Products Limited. Denture cleansing compositions.

1134/Cal/80. McGraw-Edison Company. Electrical capacitor.

6th October, 1980.

1135/Cal/80. Phillips Petroleum Company. Process for treatment of lubricating oil to remove ash components.

1136/Cal/80. Biuro Projektow i Realizacji Inwestycji Przemyslu Syntetycznego Chemicznej Prosynchem and Instytut Ciezkicj Syntetycznych Organicznych Blachownia. Method of carrying out dehydration and rectification of furfural and column for application of this method.

1137/Cal/80. Biuro Projektow i Realizacji Inwestycji Przemyslu Syntetycznego Chemicznej Prosynchem and Instytut Ciezkicj Syntetycznych Organicznych Blachownia. Method of recovery of distillation tars from vacuum rectification of furfural.

1138/Cal/80. Sandvik Aktiebolag. Rock Drill.

1139/Cal/80. L. Patnaik. New drives for bi-cycles.

7th October, 1980.

1140/Cal/80. Hoechst Aktiengesellschaft. Production of magnesium phosphide.

1141/Cal/80. Metallgesellschaft A.G. Apparatus for regenerating absorbent and method of operating the apparatus.

1142/Cal/80. H. Schmoock. Leather range and process for its manufacture.

8th October, 1980.

1143/Cal/80. Chloride Group Limited. Electric storage batteries. (October 8, 1979).

1144/Cal/80. Dr. B. B. Ghosh. Explaining and demonstrating longitude and latitude of the earth. It may be called appexlola in short.

1145/Cal/80. N. M. Jha. Forging of white and malleable cast irons.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, SARASWATI MARG, KAROL BAGH, NEW DELHI-110005.

1st September, 1980.

634/DEL/80. Naranjan Dass Dhiman, Gurdas Ram Dhiman and Hussain Lal Dhiman, "An energy producing device."

635/DEL/80. Jean Roger Bataille and Nicole Jeanne Juliette Bataille, "A system for keeping the foot and the leg in position."

636/DEL/80. Lindauer Dornier Gasellschaft MBH. "Gripper rod Clamping device operation in a shuttle-less loom." (July 21, 1980).

637/DEL/80. Gopi K. Kabra, "A Regulator."

638/DEL/80. Gopi K. Kabra, "A Regulator."

3rd September, 1980.

639/DEL/80. Uniroyal, Inc., "Aryl (1-Arylsulfonyl) Vinyl Sulfones."

640/DEL/80. Dr. Beck & Co. AG., "Electrical Wire Insulated with Extruded Polyetherketone."

4th September, 1980.

641/Del/80. Central Road Research Institute, "Improved Housing Units for Bearings for Bullock-Cart Wheels and like Vehicles."

642/DEL/80. The National Engineering Research and Development Centre of Sri Lanka, "Improved Turbine." (July 31, 1980).

5th September, 1980.

643/DEL/80. D. N. Singhania, "An Electrical Starter."

644/DEL/80. D. N. Singhania, "An Electrical Starter."

645/DEL/80. D. N. Singhania, "An Electrical Starter."

6th September, 1980.

646/DEL/80. Dennison Manufacturing Company, "Dispensing of Attachment Members."

8th September, 1980.

647/DFL/80. Arthur Conard Barnes and Carl Edmund Barnes, "Polymerization of 2-Pyrrolidone."

648/DEL/80. Bayer Aktiengesellschaft, "Process for the preparation of Sulphonamides."

649/DEL/80. GKN Sankey Limited, "Wheels." (July 24, 1980).

650/DEL/80. Sterling Armament Company Limited, "Improvements in or relating to Firearms." (September, 25, 1979).

9th September, 1980.

651/DFL/80. Controle Et Decolletage, "Electronic Comparator for checking Dimensions, Notably of machined parts."

652/DEL/80. Dorr-Oliver Incorporated, "Low Profile Fluid Bed Heater or Vaporizer."

653/DEL/80. Jingado Pty. Limited, "Gas Generator." (September 14, 1979).

654/DEL/80. South Wales Switchgear Limited, "Electrical Switchgear of the Rotating Arc, Double-break type."

655/DEL/80. South Wales Switchgear Limited, "Electrical Switchgear."

10th September, 1980.

656/DEL/80. Ravindera, "New process of manufacturing electricity."

657/DEL/80. Prudential Research Corporation, "An Energy Converter."

658/DEL/80. Prudential Research Corporation, "A Wind Turbine."

659/DEL/80. Prudential Research Corporation, "A Fluidized bed Combuster."

660/DEL/80. Prudential Research Corporation, "A Material Transporting System."

661/DFL/80. Council of Scientific & Industrial Research, "An Improved process for Black Chrome Plating on Electroformed Copper/Nickel Foils for Solar Applications."

662/DEL/80. Council of Scientific & Industrial Research, "Improvements in or relating to immersion stripping of defective Nickel Electrodeposits from Steel and Stainless Steel Substrates."

663/DEL/80. Council of Scientific & Industrial Research, "A Process for the Isolation of Active Principles from the Plant Lavandula Gibsonii (L. Perrottet Benth, Family Lamiaceae) exhibiting antogonadial, anti-fecundant, oviposition deterrent, repellent and ovicidal activities against Insect Pests."

664/DEL/80. Paul Reim, "Frame."

11th September, 1980.

665/DEL/80. Bell Maschinenfabrik AG., "A machine for producing building panels."

666/DEL/80. Nihon Number Plate Kabushiki Kaisha, "Illuminant Display Device and Motor License Plate Using same."

12th September, 1980

667/DEL/80. The Registrar, University of Roorkee, "A Cell for Electric Power Generation from Concentrated Sunlight."

668/DEL/80. Lionel Bloomfield Hoffman, "Table Top Copy Machine" (September 26, 1979).

669/DEL/80. Council of Scientific & Industrial Research, "Catalyst and process for the selective conversion of ethylene into aromatic hydrocarbons containing 6 to 8 carbon atoms."

670/DEL/80. Council of Scientific & Industrial Research, "A Process for Chemical Blackening of Hot Dipped Aluminium Zinc Coatings on Steel for Solar Applications."

671/DEL/80. Council of Scientific & Industrial Research, "Improvements in or relating to Stain proofing of electro formed copper foils for printed Circuit Applications."

672/DEL/80. Council of Scientific & Industrial Research, "Improvements in or relating to Silicate Coating (Silicodizing) on Aluminium and its Alloys."

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, TUDI ESTATES (3RD FLOOR), LOWFR PAREL (WEST), BOMBAY-400 013.

8th September 1980.

264/BOM/80. (1) Gangji Liladhar, (2) Laxmichand Liladhar and (3) Bharat Laxmichand. An improved leak proof container.

9th September 1980.

265/BOM/80. Skefko India Bearing Company Limited. An improved internal brake for bobbin holder.

266/BOM/80. Oronzio De Nora Impianti Electrochimici S.p.A. Novel Electrolysis cell and method of electrolyzing halides. (July 2, 1980).

267/BOM/80. Germain Belanger, & Michel Kaine. Fluid Pump. (May 12, 1980).

11th September 1980

268/BOM/80. Camphor & Allied Products Limited. A process for the preparation of a terpene copolymer from the copolymerization of isolimonene and β-pinene.

269/BOM/80. Larsen & Toubro Limited. A tensioning device for tensioning a pipe, tube, sheet plate or the like sliding therethrough.

270/BOM/80. Larsen & Toubro Limited. A machine for tightly winding one or more pipes, tubes, sheets plates or the like into compact single or composite coil or coils simultaneously.

271/BOM/80. Larsen & Toubro Limited. A liquid sulphur out-flow variable pressure atomised sulphur burner.

12th September 1980

272/BOM/80. The Ahmedabad Manufacturing & Calico Printing Company Limited. Improvement on the wicking print effect on Polyester fabric.

273/BOM/80. The Ahmedabad Manufacturing & Calico Printing Company Limited. Improvement on the wicking print effect on Polyester fabric.

274/BOM/80. Hiro Shivlal Mandani. Improvements in or relating to tension meter for yarns, threads and wires and the like.

15th September 1980

275/BOM/80. The Bombay Oil Industries Private Limited. A laminated film for use in packaging.

276/BOM/80. The Bombay Oil Industries Private Limited. An impermeable plastic film.

277/BOM/80. Hindustan Lever Limited. Liquid dishwashing composition. (September 17, 1979).

278/BOM/80. Veeckay Industries. A pushing and retracting mechanism for writing means of a writing instrument.

279/BOM/80. 1. Prakash Anant Oak, 2. Pramod Anant Oak, 3. C. Mahesh Ram, 4. Madan Panikkar. Liquid flow meter.

280/BOM/80. A M A Enterprises. An exploder.

281/BOM/80. Veeckay Industries. A selector mechanism for writing instruments holding multiple writing means.

17th September 1980

282/BOM/80. 1. Oswaldo Jose Coelho, Velho, 2. Jose Cristovam Pinto. Instant water heater-cum-shower attachment.

283/BOM/80. Ravindra Baburao Marathe. Pulse discrimination technique.

18th September 1980

284/BOM/80. Miss Bharati K. Panchmatia. A combination-Spoon, Fork & Knife.

19th September 1980

285/BOM/80. 1. Viduyt Harivadan Parikh, 2. Varsha Harivadan Parikh. Audio-visual magnetic taps.

286/BOM/80. Vishwanath Dattatray Sabakari. A kier for use in textile processing.

287/BOM/80. Vishwanath Dattatray Sabakari. A novel kier for use in textile processing.

20th September 1980

288/BOM/80. Duracell International Inc. Improved fluid depolarized cell.

289/BOM/80. Duracell International Inc. Improvement non-aqueous electrolyte cell.

290/BOM/80. Duracell International Inc. Abuse resistant active metal anode/fluid cathode depolarized cells.

291/BOM/80. Peico Electronics & Electricals Limited. An improved internal loop aerial for radio receiver.

292/BOM/80. Tata Engineering & Locomotive Company Limited. A slip dog assembly for use in a deep hole drilling machine to increase its efficiency.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600002.

23rd September, 1980

178/MAS/80. K. Sankaran. A device for grinding pulverising and/or dehusking food-grains.

179/Mas/80. Mrs. P. Sridhar. A tap.

25th September, 1980.

180/Mas/80. B. N. S. Rao. An apparatus for continuous drying of materials such as tea, cocoa beans, paddy and like products.

1st October, 1980

181/Mas/80. A. P. Aboobacker. Fruit Sucker.

4th October, 1980

182/Mas/80. I.A.M.A. Shaikh. A portable instant water filter device.

ALTERATION OF DATE

148132

266/Del/78

Ante-dated 26th July 1976.

148136

1282/Cal/78

Ante-dated 18th November 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patents Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CI.ASS 107D & 175A & H.

148127.

Int. Cl.-F16j 1/00, 1/16.

PISTONS AND PISTON AND CONNECTING ROD ASSEMBLIES.

Applicant : ASSOCIATED ENGINEERING ITALY S.P.A., OF STRADA VALDELLATORRE, ALPIGNANO, TURIN, ITALY.

Inventor : LODOVICO RAGGI.

Application No. 223/Cal/77 filed February 16, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A piston of a reciprocating internal combustion engine having a pair of oppositely disposed gudgeon pin bosses formed with bores characterised in that the length a of the generating line determining the bearing surface of each gudgeon pin bore at the crown end of the gudgeon pin diameter to equal to between 0.85 and 1.05 times the diameter d of the bore.

Comp. Specn. 11 Pages.

Drg. 1 Sheet.

CLASS 129J.

148128.

Int. Cl.-B22f 3/00.

APPARATUS FOR COMPACTING PARTICULATE METALLIFEROUS MATERIAL INTO STRIP FORM AND METHOD THEREFOR.

Applicant : BRITISH STEEL CORPORATION, OF 33 GROSVENOR PLACE, LONDON, S.W.1., ENGLAND.

Inventors : GEORGE JACKSON AND JOHN WOODISSE.

Application No. 1058/Cal/77 filed July 11, 1977.

Convention date July 16, 1976/(29779/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Apparatus for compacting particulate metalliferous material into strip form which comprises a pair of compaction rolls mounted with their rotational axes spaced in a substantially horizontal plane to define a roll gap there-between, movable endless belts positioned one at each end of the roll gap in engagement with the end faces of the rolls to close of the ends of the roll gap, a hopper for feeding particulate material into the roll gap mounted with its discharge orifice positioned above and extending across substantially the full length of the roll gap, shielding plate assemblies positioned one behind or in front of each side wall of the hopper, means for effecting relative movement between the shielding plate assemblies and the hopper side walls whereby the lower margin of each shielding plate assembly can protrude at least partially below the lower margin of the respective hopper side wall to define the lengthwise extending boundaries of the discharge orifice of the hopper, and means for restricting the flow of particulate material to the end zones of the roll gap to counteract the tendency of particulate material to be drawn into these end zones by the endless belts thereby to maintain the rate at which particulate material enters the roll gap substantially uniform along its entire length.

Comp. Specn. 20 Pages.

Drg. 3 Sheets.

CLASS 32F₁ & F_{2a} & F_{2b}.

148129.

Int. Cl.-C07c 141/00, C07d 85/00, C09b 45/00.

IMPROVED PROCESS FOR THE MANUFACTURE OF β -SULFATO-ETHYL SULFONYL-AMINO PHENOL COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80k FEDERAL REPUBLIC OF GERMANY.

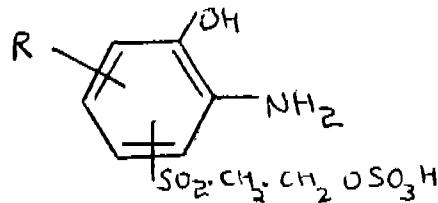
Inventors : HANS HELMUT STEUERNAGEL, ERNST HOYER.

Application No. 1152/Cal/77 filed July 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

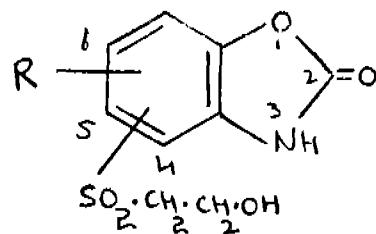
5 Claims.

A process for the preparation of a compound of the Formula (II).



Formula II

in which R is hydrogen, lower alkyl, nitro, chlorine or bromine, and the β -sulfatoethylsulfonyl group is in the 4-position or 5-position of the benzene nucleus, in which process a compound of formula I,



Formula I

in which R is defined as above and the β -hydroxy-thiolsulfonyl group is in the 5-position or 6-position of the benzoazolone ring, is subjected to an esterification and hydrolytic ring cleavage process, this process being characterized in that the compound of formula (I) defined above is reacted with 1 to 2 times the equal molar amount, calculated on mol of sulfur trioxide, of sulfuric acid having a strength of from 92 to 100% by weight, at a temperature of from 100 to 180°C while mixing thoroughly the reaction mixture.

Comp. Specn. 18 Pages.

Drg. 2 Sheets.

CLASS 206F.

148130.

Int. Cl.-H041 7/00.

IMPROVEMENTS IN OR RELATING TO FREQUENCY MODULATED DATA COMMUNICATIONS RECEIVERS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, FEDERAL REPUBLIC OF GERMANY.

Inventors : DIPL.-ING. JOSEF GAMMEL, KARL KAMMERLANDER AND HANS JURGEN VON DER NEYEN.

Application No. 1549/Cal/77 filed October 28, 1977.
Convention date May 18, 1977/(20851/77). U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A frequency modulated data communications receiver, for use in a system where digital signals are impressed onto a carrier for propagation in which receiver means are provided to automatically detect any information loss caused by phase or amplitude distortion in two mutually supplementary arrangements, one in the form of a dynamic distortion corrector comprising a frequency discriminator followed by means for the recognition of interference peaks caused by reflection distortions, together with sample hold circuit operable to compensate for interference peaks, and the other supplementary arrangement in the form of a static distortion corrector comprising an amplitude demodulator connected in parallel with said frequency discriminator arrangement, and the outputs of said demodulator and said discriminator being connected to respective inputs of a change-over switching circuit which is controlled by an amplitude modulation-analysis device, and which acts when the amplitude modulation level exceeds a given value to switch a common output to the amplitude demodulator and when the frequency modulation exceeds a given level which acts to switch the common output to the frequency discriminator, the output of the AM-demodulator being followed by a polarisation inverter which operates under the control of a polarity integrator to reverse the AM-demodulation product,

in dependence on the magnitude of the FM-demodulation product, in the sense to give polarity-correct AM-demodulation.

Comp. Specn. 47 Pages.

Drg. 9 Sheets.

CLASS 47C & 85K.

148131.

Int. Cl.-C10b 49/10, F23n 1/02, 5/10.

COAL PREHEATING INSTALLATION.

Applicant : CHARBONNAGES DE FRANCE, 9, AVENUE PERCIER, 75008 PARIS (SEINE), FRANCE.

Inventors : PUFI MARCEL, ROGER DELESSARD SERGE, LOUIS, JOSEPH, ERNEST.

Application No. 71/Cal/78 filed January 19, 1978.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A coal preheating installation comprising drier-grinder-preheater consisting of a vertical rising pipe for entrainment of coal by a gaseous entrainment agent, means for introducing coal into the vertical entrainment pipe, a fluidisation chamber with the bottom of which the vertical rising coal entrainment pipe communicates and in which the gaseous entrainment agent in the rising pipe acts as fluidisation agent, a rotary percussion grinder housed in the fluidisation chamber near the bottom of the chamber; means for measuring the temperature in the fluidisation chamber, and a pipe for entrainment of preheated, ground coal, extending vertically from the top of the fluidisation chamber; a combustion chamber for the production of the gaseous entrainment and fluidisation agent, having an outlet to which the bottom of the vertical rising coal entrainment pipe is connected, the said combustion chamber containing a neutral main burner of suitable nominal thermal power capable of operating within a range of powers lower than this nominal power; means for regulating combustion air supplied to said main burner so that the gaseous entrainment and fluidisation agent will be substantially neutral; means for regulating a supply of liquid or gaseous fuel to the main burner, which regulating means is controlled by said temperature measuring means; means for recycling part of the gaseous entrainment and fluidisation agent into the combustion chamber in an amount so regulated that the speed of total gas flow will be kept constant in the fluidisation zone; an auxiliary neutral burner in the combustion chamber, the nominal thermal power of which auxiliary burner is lower than the lowest power of the power range of the main burner; means for regulating combustion air supplied to said auxiliary burner so that the combustion gases will be substantially neutral; and means for regulating the flow of liquid or gaseous fuel to said auxiliary burner, which regulating means is controlled by means for measuring the temperature in the fluidisation chamber.

Comp. Specn. 15 Pages.

Drg. 3 Sheets.

CLASS 32A².

148132.

Int. Cl.-C09b 57/00.

A PROCESS FOR THE PREPARATION OF NEW YELLOW NAPHTHOQUINO-QUINAZOLINEDIONE DISPERSE DYES FOR POLYESTER FIBRE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-110001, INDIA.

Inventors : NAGARAJ RAMANUJ AYYANGAR, RAGHAVENDRA JEEVANRAO DESHPANDDE, AND DILIP RAGHUNATH WAGLE.

Application No. 266/Del/78 filed April 13, 1978.

Division of Application No. 1328/Cal/76 filed 26th July 1976.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

Process for the preparation of yellow naphthoquinophquinazolidinedione disperse dyes for polyester fibres of formula of Fig. A.

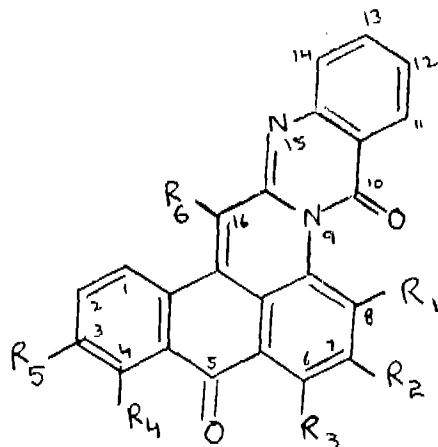


Fig. A

comprising nitrating the corresponding naphtho-(1', 2', 3': 4, 5)-quino-(2, 1 : b)-quinazoline-5, 10-dione of formula of Fig. B.

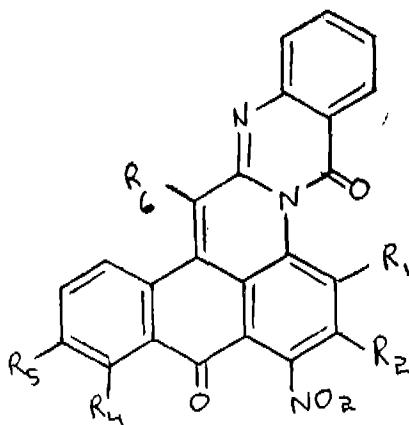


Fig. B

to obtain corresponding nitro compound of formula of Fig. C.

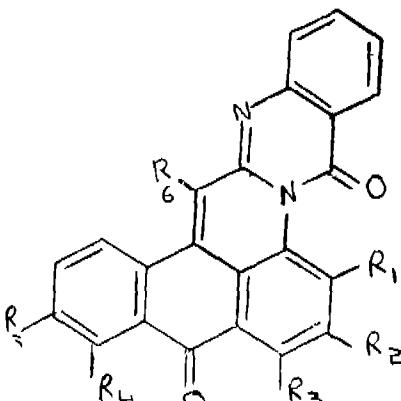


Fig. C

wherein R₁ and R₂ are hydrogen or methyl radicals, R₃ is nitro radical and hydrogen in formula of Fig. B. R₄ is hydrogen or acetamide radical, R₅ is hydrogen or chloro radical, and R₆ is hydrogen, methyl or phenyl radical.

Comp. Specn. 4 Pages.

Drg. 1 Sheet.

CLASS 130-L

148133.

Int. Cl.-C22b 53/00.

PRODUCTION OF TITANIUM METAL VALUES.

Applicant : UOP INC., AT TEN UOP PLAZA—AIGON-QUIN AND MT. PROSPECTS ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventor : WILLIAM KENT TOLLEY.

Application No. 365/Del/78 filed May 15, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A process for obtaining titanium metal values from a titanium bearing source which comprises the steps of :

- (a) subjecting said titanium bearing source to a reductive roast;
- (b) leaching the resultant roasted source with aqueous hydrogen chloride at an elevated temperature;
- (c) cooling and saturating the leached solution with gaseous hydrogen chloride to precipitate ferrous chloride;
- (d) separating the precipitated ferrous chloride from the soluble titanium trichloride;
- (e) raising the temperature of the solution of the titanium trichloride to precipitate said titanium trichloride, and
- (f) separating and recovering the crystallized titanium trichloride from the leach liquor.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 85J&176 G and 1.

148134.

Int. Cl. F 27 b 15/10.

A HYBRID COMBUSTOR BOILER.

Applicant : INDIAN INSTITUTE OF SCIENCE, BANGALORE, KARNATAKA.

Inventor : DR. VENKATARAMANAYYA KUPPU RAO.

Application No. 95/Mas/78 filed July 10, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims.

A hybrid combustor boiler including first and second walls spaced from each other and such as to define a combustion zone therebetween, a coal inlet for introduction of coal into said zone, a liquid fuel inlet and at least one air inlet communicating with said zone, water pipes disposed within said zone and in flow communication with a water drum characterized in that said air inlet is tangentially provided with one of said walls so as to allow a turbulent swirling air stream within said zone.

(Comp. Specn.—pages; Drwgs.—2 sheets).

CLASS 39N & 114D

148135

Int. Cl. C 14c 3/06

A PROCESS FOR THE MANUFACTURE OF SELF BASIFYING BASIC CHROMIUM SULPHATE FOR LEATHER TANNING.

Applicant : TAMILNADU CHROMATES AND CHEMICALS LIMITED, PLOT NO. 25, SIPCOT INDUSTRIAL COMPLEX, RANIPET, NORTH ARCOT, DISTRICT, TAMILNADU.

Inventors : UBRANGAL VENKATARAMANA KUNI KULLAYA & MABUKAL NITHYANANDA KINI.

Application No. 144/Mas/78 filed August 31, 1978.

Complete specification left March 26, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

1 Claim. No drawing

A process for the manufacture of self basifying basic chromium sulphate such as herein described comprising mixing 1.118 g. moles of sodium trichromate, 4.34 g. moles of sulphuric acid and 0.55 g. moles of sodium sulphate, adding gradually to the said mixture 0.41 g. moles of molasses, maintaining the reaction mixture at a temperature ranging from 98°C to 102°C to complete the reduction of hexavalent chromium to trivalent chromium, adding a mixture of 0.28 g. moles of sodium sulphate and 0.29 g. moles of sodium formate in the aqueous solution, agitating the resulting mixture and spray drying the product till the moisture content is 8 to 9%.

(Prov. Specn.—2 pages; Comp. Specn.—5 pages).

CLASS 19B₁ & C.

148136

Int. Cl.-B06b 1/00.

AN OSCILLATING AIR MOTOR FOR USE WITH NUT RUNNING TOOLS OF THE NON IMPACTING TYPE.

Applicant : CHICAGO PNEUMATIC TOOL COMPANY, OF 6 EAST 44TH STREET, NEW YORK, N. Y., UNITED STATES OF AMERICA.

Inventor : WILLIAM KEITH WALLACE.

Application No. 1282/Cal/78 filed November 28, 1978.

Division of Application No. 2069/Cal/76 filed November 18, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An oscillating air motor for use with nut running tools of the non-impacting type comprising a rotor supported in a chamber for relative angular movement, a single blade co-extensive with the rotor projecting radially from the latter into bearing relation with a cylindrical wall of the chamber, and means for causing live air to be alternately admitted and vented from areas of the chamber on opposite sides of the blade so as to cause the rotor to oscillate forwardly and reversely about its axis.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 206C & E.

148137.

Int. Cl.-G01s 5/00.

APPARATUS FOR GUIDING A ROTATING MOVING BODY.

Applicant : ELECTRONIQUE MARCEL DASSAULT, OF 55, QUAI CARNOT, 92214, SAINT-CLOUD, FRANCE.

Inventors : EMILE STAUFF AND GILBERT VALLAS.

Application No. 650/Cal/76 filed April 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Apparatus for guiding a rotating moving body to keep it on course towards a target, said apparatus comprising a radiation emitter located on the launching station of the body to be guided for emitting very short wavelength electromagnetic radiation in the form of a beam which is amplitude modulated over its cross section in such a way that different areas over the cross section of the beam in a plane passing through the body being guided contain respectively radiation of high and low intensity, said emitter being provided with a variable focal length focussing system enabling the body to be followed during its flight a pair of radiation detectors mounted on the body being guided so as to sweep across the beam, the two detectors each taking the form of an electro-optical detector including a converging lens at the focal point of which is placed a cell which is

sensitive to the intensity of the electro-magnetic radiation and means provided in the body for analyzing the output signal of the cell so as to determine the distance of the body from the axis of the beam and the time derivative of such distance, and for correcting the trajectory of the body on the basis of such analysis.

Comp. Specn. 27 Pages. Drg. 7 Sheets.
CLASS 154D. 148138.

Int. Cl.-B41f 7/00.
ROTARY MULTI-COLOUR PRINTING MACHINE.

Applicant : MACHINES CHAMBON, OF 6, RUE AUGUSTE RODIN—LA SOURCE B.P. 6049-45018-ORLEANS-CEDEX, FRANCE.

Inventor :—LOUIS GASTON CORSE.

Application No. 658/Cal/77 filed May 4, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A rotary multi-colour printing machine, particularly of the offset type, comprising a frame, a plurality of printing units carried by said frame and superposed one above the other so that sheet material, on which the various colours are to be printed, can pass through them successively, each printing unit comprising an inking means and four horizontal rolls, which are situated at the same level and whose axes are parallel, the four rolls being constituted by a counter-pressure roll, a blanket roll, a plate roll and an inking roll, the inking roll forming part of the inking means; the machine further comprising a support which is slidable relative to the frame of the printing machine in a direction which is horizontal and axial with respect to the four rolls, the plate roll and the blanket roll of each of the printing units being rotatably mounted on said support, whereas the counter-pressure roll of each printing unit is rotatably mounted on said frame at one side of the support, and the inking roll of each printing unit is rotatably mounted on said frame at the other side of the support.

Comp. Specn. 32 Pages. Drg. 6 Sheets.

CLASS 40B & 103. 148139.
Int. Cl.-B01f 3/00, 17/00.

A SUBSTANTIALLY OIL FREE AND AN EMULSION FREE, NON ACIDIC AQUEOUS COMPOSITION.

Applicant : SINGER & HERSCHE INDUSTRIAL DEVELOPMENT (PROPRIETARY) LIMITED, P.O. BOX 39795, BRAMLEY 2018, TRANSVAAL, REPUBLIC OF SOUTH AFRICA.

Inventor : HAIMI NATHAN SINGER.

Application No. 1186/Cal/77 filed August 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A substantially oil-free and an emulsion free, non-acidic aqueous composition comprising (A) water in an amount from 50 to 99.9 percent by weight of the total composition (B) at least a sulfur or chlorosulfur containing E-P agent or chlorinated hydrocarbon E-P agent or mixtures thereof constituting a substantially water-insoluble oil solute additive in an amount from 0.001 to 5 percent of the total composition stably dispersed therein, and (C) at least one substantially water soluble, organic dispersing agent in an amount from 5 to 300 percent by weight of ingredient (B) said dispersing agent being capable of stably dispersing said additive in said aqueous composition.

Comp. Specn. 35 Pages. Drgs. Nil.
CLASS 9D & F. 148140.
Int. Cl.-C22c 39/20.

A PROCESS FOR THE PRODUCTION OF AUSTENITIC STAINLESS STEEL FREE OF NITROGEN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : Dr. SURENDRA SAHAI BHATNAGAR, SARVASHRJ BIJOY KUMAR GUHA AND RISHI KUMAR SINHA.

Application No. 239/Del/77 filed September 17, 1977.

Complete Specification left August 22, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims. No drawings.

A process for the production of austenitic stainless steel free of nitrogen comprising melting a mixture of steel scrap and desired other materials to obtain a steel product with a composition in weight percent of 0.1 of carbon, 15 to 19 of chromium, 3 to 7.5 of nickel, 2 to 6 of copper, 2 to 10 of manganese, 1 of silicon, 0.05 of sulphur, 0.05 parts of phosphorus and balance being iron and stabilising the product by addition of niobium.

Prov. Specn. 12 Pages. Comp. Specn. 12 Pages. Drgs. Nil.

CLASS 119F.

Int. Cl.-D03d 49/00.

SHUTTLE RELEASE MECHANISM IN AND FOR A LOOM.

Applicant : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-700053, WEST BENGAL, INDIA.

Inventors : SUBIMAL PALIT AND BIDYUT KUMAR MUKHERJEE.

Application No. 1478/Cal/77 filed October 5, 1977.

Complete Specification left October 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A shuttle release mechanism in and for a loom comprising a lever fitted transversely at each end of protector rod of the loom and a roller fitted onto the gable of the loom, said lever consisting of two arms at an obtuse angle to each other with a hump at the junction of said two arms and on the underside of the lever; said lever being imparted a periodic rocking motion on the sley moving forward and backward, arrangement being such that when the sley moves forward the hump slides along the roller surface to the top of the latter tilting the lever which in this position pushes the protector arm and in so doing pressure is brought to bear on the swell at the time the shuttle is being boxed and when the sley begins to move backward, at the time of picking, the hump slides down the side of the roller and the lever moving away releases pressure on the protector arm and thus on the swell.

Prov. Specn. 4 Pages. Comp. Specn. 5 Pages. Prov. Drg. 3 Sheets.

CLASS 40F. 148142.

Int. Cl.-B01d 15/06, C09c 1/48.

ADSORBENT AND ITS FORMATION FROM CARBON BLACK PELLETS.

Applicant : VEBA-CHEMIE AKTIENGESELLSCHAFT, PAWIKERSTRASSE 30, 4660 GELSENKIRCHEN-BUER, WEST GERMANY.

Inventors : DR. GUNTER DEININGER AND DR. WERNAER SOYEZ.

Application No. 14/Cal/78 filed January 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A method for the preparation of carbon black adsorbent pellets of a high specific surface area larger than 600 m²/g

from a carbon black-containing water obtained from the partial combustion or partial gasification of liquid oil combustibles or oil-containing solid combustibles which consists of contacting said carbon black-containing water with an aggregation medium selected from the group consisting of oils, fats, waxes, distillation residues and mixtures thereof, in a quantity sufficient to aggregate said carbon black; forming aggregated carbon black pellets in said aggregation medium; separating in any known manner said aggregated carbon black pellets from said water; extracting said aggregated carbon black pellets with an aliphatic, aromatic or isocyclic hydrocarbon solvent having at least 4 carbon atoms, under conditions sufficient to separate said aggregation medium from said carbon black pellets; drying said carbon pellets of temperatures from 300 to 1100°C; and recovering said carbon black adsorbent pellets of the said high specific surface area.

Comp. Specn. 10 Pages.

Drgs. Nil.

CLASS 119 B & E.

Int Cl.-D03j 1/22.

A TEMPLE ROLLER.

Applicant & Inventor : VASANT JHAVERTI, C/o. 17 CAMAC STREET, CALCUTTA-17, INDIA.

Application No. 86/Cal/78 filed January 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A temple roller for use with a weaving loom, said roller adapted to be held in a temple bracket of that construction hitherto used for holding a temple ring, said roller comprising a spindle, a single continuous sleeve rotatably mounted on said spindle, said sleeve having a plurality of integrally formed inclined teeth, and means for preventing a lateral displacement of said sleeve.

Comp. Specn. 13 Pages.

Drg. 1 Sheet.

CLASS 156D.

148144.

Int. Cl.-F04b 7/00.

FLUID-ACTUATED PISTON MECHANISM PROVIDED WITH A VALVE MOUNTED IN THE PISTON.

Applicant : POCLAIN HYDRAULICS, OF BOITE POSTALE NO. 12, 60410 VERBERIE, FRANCE.

Inventors : JEAN POL MATHIEU AND BERNARD ALBERT SOYEZ.

Application No. 476/Del/78 filed June 26, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A fluid-actuated mechanism, such as a hydraulic pump or motor, constituted by a stator, a rotor mounted for relative rotation with respect to the stator, at least one cylinder in which a piston is mounted to slide and defines a working chamber for the fluid, one of the two elements—cylinder and piston—being coupled to the stator, the other element being coupled to the rotor, by conduits for sucking the fluid in said chamber and for delivering the fluid from said chamber and by devices for selectively closing said conduits, called suction obturator and delivery obturator, respectively, one of these obturators comprising at least one valve disposed in an inner conduit made in the piston, whilst the cylinder is fixed with respect to the element to which it is coupled said inner conduit comprises a section at right angles to the axis of the piston and the obturator corresponding to the inner conduit comprises on the one hand a valve for closing said section, on the other hand, the combination of a groove made substantially transversely in the cylinder and of the orifice through which the orthoradial section opens into the outer cylindrical face of the piston, wherein the section obturating valve is coupled to a return leaf spring which is at least partially cylindrical contained in a groove made in the cylindrical face of the piston.

Comp. Specn. 9 Pages.

Drg. 3 Sheets.

CLASS 128 A+G

Int Cl. A61 1 5. 04+13/00.

TENNIS ELBOW EPICONDITIS SPLINT.

Applicant & Inventor : MAYOOR CHINUBHAJ GANDHI SHREYAS 2ND FLOOR, NARIMAN POJNT BOMBAY-400 020 STATE OF MAHARASHTRA INDIA.

Application No. 350/Bom/1978 filed Dec. 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

1. A tennis-elbow epiconditis splint comprising a pair of stretchable or unstretchable bands, parallelly disposed, one going in a manually disengageable loop-lock round the wrist and the other going in a manually disengageable loop-lock round the forearm slightly below the elbow, the two bands being supported at their middles at right angles at the ends of a spring stay bar of steel inserted in a tubular pocket in the middle of each of the two bands.

Complete Specn. 5 Pages.

Drawing 1 sheet.

CLASS 8 and 126A

148146

Int. Cl. A62C-39/02 G 08b-17/10.

SMOKE DETECTOR.

Applicant : CHLORIDE INCORPORATED, 5200 WEST KENNEDY BOULEWARD TAMPA, U.S.A.

Inventor : WILLIAM J. MALINOWSKI.

Application No. 534/Del/78 filed on 20th July, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims

A smoke detector having a light source, a photo-responsive device for producing a signal in response to light from the source reflected from smoke particles, said photo-responsive device being connected to an amplifier adapted to amplify the signal, means for sequentially energizing the amplifier and providing an energizing pulse to the light source, and means adapted to operate after the start of the pulse to the light source to compare the amplified signal with a reference level, the energization of the light source occurring a sufficient time after the energisation of the amplifier to allow the amplifier output to stabilise from the transients resulting therefrom and the comparison occurring a sufficient time after the energisation of the light source to allow the amplifier output to stabilise from the transients caused by the energisation of the light source.

Complete specn. 13 Pages.

Drawings 2 Sheets.

CLASS-116-C

148147

Int. Cl.-F 16g-13/08

B 65g-17/40

A CHAIN GRATE

Applicants : POLYSIUS AG., OF GRAF-GALEN-STRASSE 17, 4720 BECKUM, WEST GERMANY.

Inventor : REMHAND KORTING.

Application No. 546/Del/78 filed on 25th July, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims

A chain grate comprising an endless chain in which successive links are joined together by link pins and each contain at least one grate panel of which the front end is accurately curved around the link pin and of which the rear end is slightly supported on the front end of the following grate panel, a downwardly extending retaining member provided on the underneath of the grate panel engaging with clearance below the associated link pin, characterised in that the accurately curved front panel end (for example 110a) is extended rearwards beyond a reference plan (B) extending substan-

tially vertically through the link pin (for example 111) in the horizontal position of the grate panel (for example 110) up to a bend (120) which extends transversely over the grate panel (for example 110) and parallel to the link pin (for example 111).

(Complete Specn. 9 pages, Drawing sheet-4).

CLASS 48A & 188.

148148.

Int. Cl.-H01b 3/40, 13/28, C23c 17/02.

APPARATUS FOR APPLYING AN INSULATING COATING ON AN ELONGATED METALLIC MEMBER.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : FRANK RICHARD ZICKAR AND PAUL VOYTIK.

Application No. 1364/Cal/77 filed September 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

Apparatus for applying an insulating coating on an elongated, continuously moving, metallic member having first, second, third and fourth planar surfaces which define a substantially rectangular cross-sectional configuration, comprising: a coating chamber; a bed of finely divided, heat fusible particles of electrical insulating material in said coating chamber; means providing a cloud of electrostatically charged particles above said bed; means moving the metallic member through said cloud of particles, with the first planar surface horizontally oriented above said bed, said second and third planar surfaces extending vertically upward from opposite sides of the first planar surface, and said fourth planar surface parallel to the first planar surface; means electrically grounding the metallic member to cause said charged particles to adhere to the metallic member as it passes through said cloud; baffle means disposed in said chamber to provide substantially uniform deposit of particles on the planar surfaces of the metallic member, said baffle means including a first baffle member disposed between the bed of particles and the first planar surface of the metallic member, with said first baffle member having a width dimension which exceeds the width of the first planar surface, and second and third baffle members spaced from the vertically extending second and third planar surfaces, respectively, said second and third baffle members each having first surfaces dimensioned and oriented such that extensions of the first and fourth planar surfaces of the metallic member intersect these first surfaces, providing acute angles above the intersecting extended planes and first surfaces of the second and third baffle members; and means fusing the particles deposited on the metallic member to provide a substantially uniform insulating coating on the metallic member.

Comp. Specn. 26 Pages.

Drg. 1 Sheet.

CLASS 69D.

148149.

Int. Cl.-H01h 51/00.

HALL EFFECT ROTARY SWITCH.

Applicant : OAK INDUSTRIES INC., OF CRYSTAL LAKE, ILLINOIS 60014, UNITED STATES OF AMERICA.

Inventor : WILLIAM CRISSEY MARKISON.

Application No. 1554/Cal/77 filed October 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A Hall effect rotary switching device including a rotor and a stator, a plurality of peripherally unequally spaced Hall effect sensing circuits on said stator, a plurality of localized

magnetic areas on said rotor, a switch frame for said rotor and stator and mounting said rotor to move said localized magnetic areas adjacent said Hall effect sensing circuits, with such movement causing output signals therefrom.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 55E.

148150.

Int. Cl.-A61k 17/06.

A PROCESS FOR PREPARATION OF SOLID STEROID COMPOSITIONS.

Applicant : STERLING DURG INC., OF 90 PARK AVENUE, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : PHILLIP MERRILL JOHN.

Application No. 141/Del/78 filed February 21, 1978.

Convention date April 27, 1977/(17610/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A process for preparing a solid steroid composition which comprises wet granulating a pharmaceutically active steroid with conventional excipients, drying the granulation until it contains less than 1 percent of water, and blending the granulation with a mixture of the sodium starch glycolate and conventional excipients so that the resulting composition comprises from 5 to 80 percent by weight of the pharmaceutically active steroid and 1 to 8 percent by weight of the sodium starch glycolate, the remainder being the conventional excipients.

Comp. Specn. 9 Pages.

Drg. 1 Sheet

CLASS 80A.

148151.

Int. Cl.-B01d 23/09.

INSTANT TAP WATER FILTER.

Applicant & Inventor : PRAVINCHANDRA CHHAGAN-LAL MEHTA, OF PRAVINCHANDRA & CO., ROOM NO. A-106, 1ST FLOOR, 71, BIPLABI RASH BEHARI BOSE ROAD, CALCUTTA-700 001, WEST BENGAL, INDIA.

Application No. 328/Cal/78 filed March 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An instant tap water filter comprising a vertically disposed hollow and substantially cylindrical body of thermoplastic material with closed bottom and open top, a centrally apertured cap is screw fitted to the top end of the cylindrical body, a horizontally disposed externally screw threaded outlet pipe integrally fitted at the middle of the cylindrical body, and a filtering unit of thermoplastic material is screw fitted to the outlet pipe, wherein the said filtering unit consists of an internally threaded hollow body with a downwardly inclined spout and a microporous circular filter medium made of ceramic or porcelain material is placed in between a pair of washers or rings of thermoplastic material placed inside a groove on the wall of the filtering unit.

Comp. Specn. 5 Pages. Drg. 1 Sheet.

CLASS 131B.

148152.

Int. Cl.-E21d 11/00, 15/00, 17/00.

MINE ROOF SUPPORTS.

Applicant : FLETCHER SUTCLIFFE WILD LIMITED, HORBURY, WAKEFIELD, ENGLAND.

Inventors : LEWIS ROBERT BOWER AND MALCOLM WAKE.

Application No. 237/Del/78 filed March 31, 1978

Convention date April 26, 1977/(17442/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

24 Claims.

A mine roof support comprising a plurality of hydraulically extensible chock legs articulated at upper ends thereof to one or more roof beams and at lower ends thereof to one or more base members, a shield pivotally connected to a rearward part of the member(s) and also pivotally connected to a rearward part of the roof beam(s), with a permanently loaded force applying means reacting via the shield on the roof beam(s) in such a manner that the force applying means resists displacement of the roof beam(s) and, upon a sufficient fall in pressure in the chock legs, restores any displaced chock legs to a predetermined position.

Comp. Specn. 20 Pages.

Drg. 3 Sheets.

CLASS 206C.

148153.

Int. Cl.-G01s 1/22.

IMPROVEMENTS IN OR RELATING TO A DISTANCE MEASUREMENT SYSTEM.

Applicant : SIEMENS-ALBIS AKTIENGESELLSCHAFT, OF ZURICH, SWITZERLAND.

Inventor : HANSPETER KUPFER.

Application No. 232/Del/78 filed March 30 1978.

Convention date March 17, 1978. (10627/78) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Delhi Branch

21 Claims.

In a system for measuring the distance between a main station and a subsidiary station, each station having an antenna for the transmission and reception of continuous wave signals modulated in the main station by a measurement signal, the main station comprising a continuous carrier wave oscillator, a main modulator, a mixer, a micro-wave coupling circuit and a distance analysis circuit in which the distance is determined as a value proportional to the quotient of the phase difference between the phases of the transmitted and the received signals and the frequency of the measurement signal, the improvement comprising a distance analysis circuit including a measurement signal frequency generator whose output is connected with the main modulator and in which the measurement signal, with which the continuous wave signal is modulated, is likewise a frequency modulated, said subsidiary station comprising a modulator for additionally modulating the received modulated continuous carrier wave signal with a marking signal and retransmitting the resultant to the main station a received signal, which is mixed in said mixer of the main station with a local oscillator signal in order to obtain as a filtered mixed product a response signal from which substantially all traces of the continuous carrier wave frequency and the measurement signal frequency have been removed, said measurement signal frequency generator including further a fault signal formation circuit in which said response signal is demodulated in order to obtain an analysis signal containing no significant trace of the marking signal frequency, this analysis signal being per se dependent upon the phase difference between the phase of the measurement signal, with which the transmitted continuous wave signal is modulated, and the phase of the measurement signal, with which the received continuous wave signal is modulated, said analysis signal being multiplied in the fault signal formation circuit with an output signal of a pulse generator, said measurement signal frequency generator including means for obtaining an average difference signal from the output signal of the fault signal formation circuit, said average difference signal, which in the steady state condition represents a measure of the deviation of said phase difference from a predetermined value, being added in an addition circuit to a signal derived by means of an attenuation element from the output signal of the pulse generator, the output of said addition circuit being fed to a voltage controlled oscillator, which regulates the average frequency of the frequency modulated measurement signal of

the transmitted signal said average difference signal to be zero.

Comp. Specn. 39 Pages.

Drg. 5 Sheets.

148154.

CLASS 32B & 56G & 88D.

Int. Cl.-C07c 9/04, C10l 3/00, B01j 1/14.

IMPROVEMENTS IN METHANATION REACTOR.

Applicant : SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors : VINCENZO LAGANA, FRANCESCO SAVINO AND STANISLAO FERRANTINO.

Application No. 408/Cal/78 filed April 12, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A methanation reactor comprising an outer casing, a lid of the same metal as the casing being affixed thereto, to the lid being affixed a well for introducing the thermocouples and through such lid being passed the tubes for feeding the gases to be methanized, an assembly composed by a toroidal catalyst bed and a tube-bundle heat exchanger placed beneath said catalyst bed, both the exchanger and the bed being positioned in the interior of the casing so as to provide a gap between said assembly and said casing, through said gap being passed the cold gases to be reacted and to be sent to sweep the outer walls of the exchanger tubes, the exchanger being connected by a duct coaxial with the casing to the catalyst bed, said duct conveying the gases to be reacted after having been flown through said gap and having been heated in and by the exchanger, said gases after having flown through the catalyst bed and having been reacted therein entering the interior of the exchanger tubes to transfer their reaction heat and emerging through the reactor bottom wall, the catalyst bed-exchanger assembly being insulated with an insulating material, the reactor being equipped with a sennit sealing system such as herein described to prevent gas leaks at the reactor inlet and outlet, respectively, and a gland sealing system with an intermediate bushing for introducing water under pressure to prevent leaks of dangerous processing fluids.

Comp. Specn. 8 Pages.

Drg. 2 Sheets.

CLASS 208.

148155.

Int. Cl.-B43k 5/00, 7/00, 8/00.

A RETRACTABLE WRITING IMPLEMENT.

Applicant : K. C. PEN CO., INC., OF 175 PEARL STREET, BROOKLYN, STATE OF NEW YORK 11201, UNITED STATES OF AMERICA.

Inventor : WALTER CARL GANZ.

Application No. 348/Del/78 filed May 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

A retractable writing implement comprising a barrel member; an elongated writing element disposed in the barrel member and longitudinally movable between a retracted position and an advanced position in which it projects through the bottom of the barrel member; means for resiliently urging said writing element toward its retracted position; a follower member longitudinally slidably disposed in the upper part of the barrel member and in engagement with the upper part of the writing element, the barrel member having a first opening therein registering with the follower member and a second opening above the first opening; and a clip member rockably disposed adjacent the exterior of the upper part of the barrel member and comprising upper and lower arms and an inwardly directed bracket between said upper and lower arms, said bracket projecting through the second opening in the barrel member and being rockably connected to the follower member to permit rocking of said clip member relative thereto about an axis extending transverse the axis of the barrel member, the upper and lower arms of the clip member extending respectively above and below said transverse axis, the clip member lower arm having a cam at its

lower end registering with the first opening and provided with an inwardly and upwardly inclined downwardly facing cam surface which engages an upwardly facing portion of the follower member, whereby rocking of the clip member about said transverse axis so that the lower arm of the clip member moves inwardly effects downward movement of the follower member and writing element and the outward swinging of the upper arm to an outwardly extended position until the writing element is in its advanced position, and the rocking of the clip member about said transverse axis so that the upper arm moves inwardly from its extended position causes the lower arm to swing outwardly and allow the follower member and writing element to move upwardly until the writing element is in its retracted position.

Comp. Specn. 14 Pages.

Drg. 2 Sheet.

CLASS 189.

148156.

Int. Cl.-A45d 8/06, 8/24.

IMPROVEMENTS IN OR RELATING TO A HAIR CLIP.

Applicant & Inventor : SHRIGOPAL SARDA, OF 507, SECTOR 18B, CHANDIGARH, 160018, INDIA.

Application No. 36/Del/78 filed May 11, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

11 Claims.

A hair clip comprising a first and second member, said first member held at one end to the second member, the opposite end of said members having cooperating clip lockingmeans characterized in a first means provided with said first member, a second means provided with said second member, said first and second means being hair lockingmeans for locking the hair to said clip.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 208.

148157.

Int. Cl.-B43k 5/00, 7/00, 8/00.

A RETRACTABLE WRITING IMPLEMENT.

Applicant : K. C. PEN CO., INC., 175 PEARL STREET, BROOKLYN, NEW YORK 11201, UNITED STATES OF AMERICA.

Inventor : WALTER CARL GANZ.

Application No. 347/Del/78 filed May 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

A retractable writing implement comprising a barrel consisting of first and second coaxially aligned sections, a writing element disposed axially within the barrel and longitudinally movable between a retracted position and an advanced position wherein it projects through an aperture in the second section, means for biasing the writing element into said retracted position, and a retracting and advancing mechanism for the writing element comprising a pair of coaxial tubular members, the second of said pair including a first part which is disposed inside the said first tubular member and a second part having greater outside diameter than said first part and delineated therefrom by a first peripheral shoulder formed as a step in the outside diameter of the second tubular member, and being relatively rotatable with respect to the first tubular member, wherein the first tubular member is nested inside the first section for rotation therewith, and the second tubular member is nested inside the second section for rotation therewith, the first tubular member slidably engaging said first shoulder and having an inclined cam surface upon which bears a first follower loca-

ted on a chuck which is longitudinally slidably disposed within the second tubular member, the follower projecting through a first slot provided therein.

Comp. Specn. 11 Pages.

Drg. 2 Sheets.

CLASS 107 G+H

148158.

Int. cl F02 m 39/00

A SAFETY DEVICE FOR STOPPING THE FUEL PUMP OF OIL ENGINES WHEN THE R.P.M. OF THE ENGINE INCREASES BEYOND SAFE SPEED.

Applicants : KESHAVLAL VIRCHAND KHARA KANCHAN KUNJ OPP; HIRAK BAG, AMRELI, GUJARAT, INDIA. INDUBHAI VIRCHAND KHARA TILAK MANDIR ROAD, PANCHSHIL FLAT NO. 5, VILE PARLE (EAST) BOMBAY Pin 400 057 MAHARASHTRA INDIA.

Application No. 215/Bom/1978 Filed July 20, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

2 Claims

1. A safety device for stopping the fuel pump of oil engines when the r.p.m. of the engine increases beyond a predetermined safe speed comprises of a casing inside which are provided three rods, the ends of the first rod slidably passing through the walls of the casing and having a knob screwed to one of its ends and the other end being variably connected to the rack of the fuel pump to move the rack to the right to stop the fuel pump, a fork fixed on the first rod by a pin; the second rod fixed to the walls of the casing at its ends and having a spring positioned between one of its ends and a spring retaining plate which is slidably mounted on the second rod, the ends of the fork abutting against the said retaining plate, the third rod being rotatably fixed to the walls of the casing at its ends and provided with a locking plate adopted to engage and disengage with the retaining plate with the movement of an unlocking lever pivotally mounted on a strip member fixed to the walls of the casing and the said un-locking lever having a slot engaging the pin of the said cork such that when the engine speed increases the rack of the fuel pump moves to the right slightly which in turn causes a clockwise rotation of the un-locking lever to push the locking plate upwards thereby to release the spring which in turn pushes the fork, first rod and the rack towards the right hand direction substantially stopping the fuel pump.

Complete specn 7 Pages drawing 4 sheets

CLASS 32R2

148159.

Int. Cl.-C09b 3/02, 3/10.

A PROCESS FOR THE PREPARATION OF NEW YELLOW BENZANTHRONYL TRIAZINE DISPERSE DYES FOR SYNTHETIC FIBRES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : NAGARAJ RAMANUJ AYYANGAR, RAJGOPAL JAGANNATH LAHOTI, AND DILIP RAGHUNATH WAGLE.

Application No. 20/Del/79 filed January 12, 1979.

Division of Application No. 76/Del/77 filed April 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A process for the preparation of yellow benzanthronyl triazine disperse dyes for synthetic fibres of the general formula of Fig. A.

PATENTS SEALED

146518 146825 146837 146934 146936 146967 146974 146982
 146988 146993 146995 146999 147035 147038 147084 147118
 147122 147123 147136 147142 147144.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Purolator India Limited, Hauz Khas, P.O. Yusuf Sarai, New Delhi-16, India, an Indian Company has made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of his application for patent No. 146659 for "A process for the manufacture of battery separators". The amendments are by way of deletion. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Municipal Market Bldg., 3rd Floor, Room Nos. 401—405, Saraswati Marg, Karel Bagh, New Delhi-110005, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

124458. Elversle, naamloze vennootschap.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the Patents.

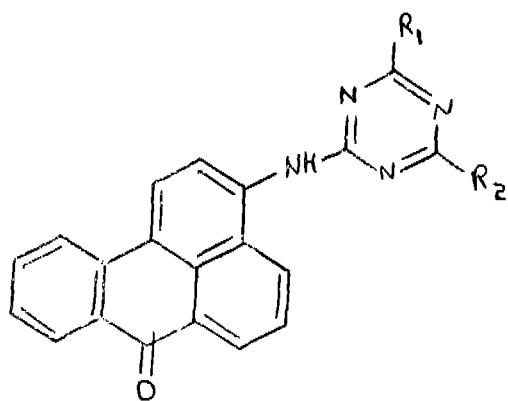


Fig. A

wherein R¹ and R² are methoxy, ethoxy and 2-methoxyethoxy groups by the reaction of corresponding 3-amino-benzanthrone of formula of Fig. B.

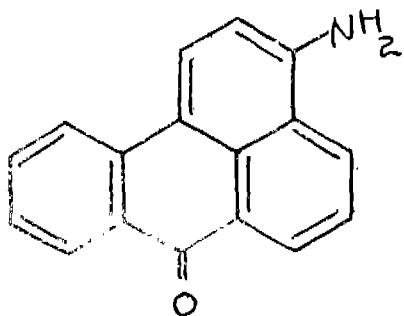


Fig. B

with cyanuric chloride to obtain 2-(3-benzanthronylamino)-4,6-dichloro-1,3,5-triazine (Fig. C).

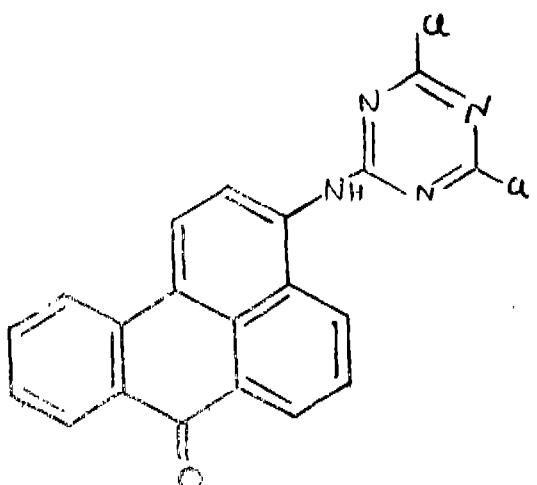


Fig. C

followed by condensation of the reaction product with excess of an alcohol of formula R₁H wherein R₁ is methyl, ethyl and 2-methoxy ethyl radicals.

Comp. Spec. 5 Pages.

Drg. 1 Sheet.

OPPOSITION PROCEEDINGS

The application for patent No. 146391 made by Steelsworth Limited in respect of which an opposition was entered by Trade & Industry Fvt. Ltd., as notified in Part-III, Section 2 of the Gazette of India, dated the 1st December, 1979 has been treated as withdrawn.

No.	Title of the invention
140097 (15.10.73)	Method for producing manganese oxide pellets.
140244 (10.12.73)	Process for producing an AlF ₆ containing additive.
140319 (04.04.75)	A method of producing low carbon white husk ash.
140334 (25.04.73)	Process for purifying crude wet process phosphoric acid.
140393 (22.03.73)	A new method of making thermosetting phenolic moulding powder.
140407 (12.09.73)	A new process of making potassium silicate solution.
140418 (14.12.73)	A hydrometallurgical process for the recovery of copper from sulfide ores by oxidation with air or oxygen in ammoniacal solutions.
140419 (17.06.74)	A process for the production of a new deterpene having hypotensiv & spy ash-molyptic properties from the roots of plant <i>coleus barbatus</i> .
140421 (05.11.74)	A process for preparing herbicidal carboxy alkyl esters of N-phosphonomethyl glycine and their salts.
140432 (19.12.73)	A process for preparing an etching composition suitable for etching on glass to give permanent and opaque marking.
140433 (15.02.74)	Method and apparatus for calcination of lime.
140437 (08.11.74)	A process for the production of metol (N-methyl-p-aminophenol sulfate) from pnitrophenol.
140442 (23.02.73)	Process for the manufacture of reactive bisazodye-stuffs.

(1)	(2)
140454 (11.05.73) Transfer of ammonical solution by high pressure carbamate recycle pump.	
140458 (04.01.74) A process for converting solid fuels into liquid and gaseous fuels.	
140460 (19.11.74) Preparation of quinazolines.	
140466 (07.06.74) Method of producing ethylene dichloride.	
140467 (22.08.74) Manufacturing process of the new derivatives of triazolinone.	
140477 (06.09.73) Preparation of liquid fuel.	
140481 (22.08.74) A method of recovering zinc from viscose rayon plant effluent.	
140507 (01.09.73) Production of chlorine dioxide.	
140509 (20.11.74) Preparation of benzyl alcohol free from chlorine grade by electrolytic reduction of benzoic acid using rotating deposited lead cathode.	
140547 (08.10.73) Metallurgical process for supplying a furnace charge to an electric arc furnace.	
140563 (12.03.75) Method and apparatus for producing calcium phosphate.	
140565 (21.08.73) Process of production of laces and granules of thermoplastic polymers and their production.	
140583 (14.08.73) Dispensable natural rubber.	
140591 (23.04.74) Process of preparing azo compounds.	
140592 (25.07.74) Process for the treatment of zinciferous material containing soluble silicates.	
140719 (28.02.76) A method for removal of arsenic from giammarco-vetrocoka process waste effluent.	

RENEWAL FEES PAID

100568	101897	101936	101975	102514	102670	102671	102738
102885	102895	102986	107270	107447	107694	107725	107768
107832	107966	108141	108239	108366	108389	108420	108585
108608	109117	109386	110418	110450	111958	112388	112560
112681	112819	113022	113023	113132	113413	113609	113745
113751	113753	113992	117043	117555	117607	117608	117957
118004	118085	118248	118330	118808	119024	119074	119193
122928	123444	123489	123580	123692	123735	123839	124026
124044	124431	124564	124517	124589	127559	127709	128365
128474	128679	128805	128839	128901	128995	129014	129060
129192	129267	129389	129482	132423	132846	132894	132895
133198	133444	133560	133617	133660	133692	133983	134026
134052	134083	134120	134375	134413	135110	135319	135491
135508	135773	135774	135926	136054	136246	136834	136880
136981	137046	137090	137172	137408	137667	138681	138775
139271	139307	139768	139833	139837	139840	139845	139966
139996	140011	140062	140136	140188	140220	140258	140284
140342	140534	140580	140854	140916	141111	141280	241283
141322	141426	141487	141654	141807	141862	141863	141941
141042	141240	141288	142173	142300	142332	142350	141351
142434	141487	141629	142630	142631	142632	142664	142785
142836	143059	143239	143269	143285	143464	143639	143649
143663	143675	143706	143743	143747	143777	143799	143943
143967	143987	143988	144038	144039	144080	144145	144151
144158	144191	144193	144281	144339	144348	144392	144450
144484	144485	144502	144566	144622	144701	144803	144910
145010	145032	145267	145335	145396	145403	145406	145478
145488	145532	145695	145813	145884	145735	146176	146206
146211	146273	146363	146380	146420	146447	146499	146648
146661	146676	146692	146697	146701	146705	146716	146722
146724	146727	146728	146747	146749	146759	146789	146818
146832	146886	146894	146898	146899	146905	146952	147079
147293	147422						

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 120265 granted to Davy Powergas Inc., for an invention relating to "recovery of sulphur dioxide from waste gas." The patent ceased on the 11th November, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th November, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 136736 granted to Council of Scientific and Industrial Research for an invention relating to "a metering pump having spring plate and bellows-tube with roller squeeze." The patent ceased on the 11th July, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th August, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 137593 granted to Texaco Development Corporation for an invention relating to "apparatus for controlling a refining unit." The patent ceased on the 4th October, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 19th July, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145061 granted to Rajat Saxena and Jagdish Lal Bir, for an invention relating to "an aspirator". The patent ceased on the 22nd December, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 4th October, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145798 granted to Jagdish Chandra Kapur for an invention relating to "an integrated unit for the collection, storage, distribution of solar energy for space heating and other applications." The patent ceased on the 11th January 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 23rd August, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 145897 granted to Marvin Adelberg for an invention relating to "clamp for regulating fluid flow through plastic tubing." The patent ceased on the 20th February 1980, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 20th September 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 146018 granted to Rathi Industrial Equipment Co. Ltd., for an invention relating to "clamp for pipe, cable on the like running material." The patent ceased on the 23rd February, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th October, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 146413 granted to Solo Industries Pty. Limited, for an invention relating to "transistor ignition circuit for an internal combustion engine." The patent ceased on the 17th April, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 26th June, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 8th January 1981 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's

interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application for restoration of Patent No. 106663 dated the 17th August, 1966 made by Olin Corporation on the 31st July, 1979 and notified in the Gazette of India, Part III, Section 2 dated the 26th January 1980 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

- Class 1. No. 149325. India Sanitary Industries of 1830, Lal Darwaja, Bazar Sirkewalan, Delhi-6, an Indian Partnership Firm. "Siphon". February 27, 1980.
- Class 1. No. 148775. Indicarb Limited, 64, Palace Road, Vasanthnagar, Bangalore-560052, Karnataka State, a limited company. "Insert used on the tool holders for metal removal and copy turning applications". August 30, 1979.
- Class 1. No. 148776. Indicarb Limited of 64, Palace Road, Vasanthnagar, Bangalore-560052, Karnataka State, an Indian Limited company. "Inserts mounted on tool holders used for metal removal and copy turning applications". August 30, 1979.
- Class 3. No. 149213. Lakme Limited of Bombay House, Homi Mody Street Fort, Bombay-400023, Maharashtra, India. "Bottle". January 25, 1980.
- Class 3. No. 149255. Bismen of G-38 Shalimar, Industrial Estate, Matunga, Bombay 400019, State of Maharashtra, an Indian Partnership Firm. "Token number Indicators". February 4, 1980.
- Class 3. No. 149256. Bismen of G-38, Shalimar Industrial Estate, Matunga, Bombay-400019, State of Maharashtra, an Indian Partnership Firm. "Token number Indicators". February 4, 1980.
- Class 3. No. 149344. Asian Advertisers of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Pin Tray". March 5, 1980.
- Class 3. No. 149352. Dipti Lal Judge Mal, 19, Rajasthan Udyog Nagar, G. T. Karnal Road, Delhi-110033, an Indian Partnership Concern. "Fruit Bowl". March 12, 1980.
- Class 3. No. 149395. D. M. Industries, 96, Dilkusha Street, Calcutta-700017, West Bengal, India, an Indian Proprietary Firm. "Container". March 21, 1980.
- Class 3. No. 149398. Camlin Private Limited of J. B. Nagar, Kurla Andheri Road, Bombay-400059, Maharashtra, India. "Bottle". March 21, 1980.
- Class 3. No. 149399. Bharat Harmonica Industries, an Indian Partnership Firm of Bhuptani Building, Gondal Road, Rajkot-360002, Saurashtra (Gujarat), India. "Harmonica". March 21, 1980.
- Class 3. No. 149400. Lata Enterprises, an Indian Proprietary Firm of 9, Jeevan Prabha, T.P.S. 4th Road, Opp. Bhabha Hospital Bandra, Bombay-400050, Maharashtra, India. "Lamp". March 21, 1980.
- Class 3. No. 149425. V. G. Plastics, 337, Atoz Industrial Estate, Ferguson Road, Lower Parel, Bombay-400013, Maharashtra State, Indian Sole Proprietary Firm. "Torch". April 8, 1980.
- Class 3. No. 149571. Swan (India) Private Limited, a private limited company, of Advani Chambers, 1st

floor, Sir P. M. Road, Bombay-400001, Maharashtra, "Bottle". July 27, 1980.

Class 10. No. 148777. Indicarb Limited of 64, Palace Road, Vasanthnagar, Bangalore-560052, Karnataka State, an Indian Limited Company. "Insert used on the tool holders used for metal removal and copy turning applications". August 30, 1979.

Class 11. No. 148778. Indicarb Limited of 64, Palace Road, Vasanthnagar, Bangalore-560052, Karnataka State, an Indian Limited Company. "Inserts mounted on tool holders Indian Limited Company. "Inserts mounted on tool holders used for metal removal and copy turning applications". August 30, 1979.

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

No. 143860	Class 1.
Nos. 142131 and 143514	Class 3.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

Nos. 136861, 136863 and 137580	Class 3.
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S. VEDERAMAN
Controller General of Patents, Designs
and Trade Marks

